

PTO/SB/08A (10-01)

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INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

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Sheet 1 of 19

Complete if Known

Application Number	09/724,552
Filing Date	November 28, 2000
First Named Inventor	Dale B. Schenk
Art Unit	1647
Examiner Name	Sharon L. Turner <i>BLT</i>
Attorney Docket Number	15270J-004761US

U.S. PATENT DOCUMENTS					
Examiner	Cite No. ¹	Document Number Number Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
<i>asr</i>	305	09/724,842	11-28-2000	Chalifour et al.	
<i>asr</i>	283	09/441,140	11-18-1999	Solomon et al.	
	243	60/169,594	N/A	Chalifour et al.	
	283	60/169,697	N/A	Chain	
	295	60/184,504	N/A	Holtzman et al.	
	299	60/186,295	N/A	Rasmussen et al.	
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<i>asr</i>	326	2002/0136718 A1	09-26-2002	Raso	
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INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

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Sheet

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of

19

Complete If Known

Application Number	09/724,552
Filing Date	November 28, 2000
First Named Inventor	Dale B. Schenk
Art Unit	1647
Examiner Name	Sharon L. Turner NOV 12 2003
Attorney Docket Number	15270J-004761US

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Examiner Initials*	Cite No.*	Foreign Patent Document		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear	T*
		Country Code ³	Number ⁴				
CS	35	EP	911 038	A2	04-28-1999		
CS	36	EP	868 918	A2	10-07-1998		
CS	37	EP	863 211	A1	09-09-1998		
CS	38	EP	845 270	A1	06-03-1998		

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Sheet 3 of 19

Complete if Known

Application Number	09/724,652
Filing Date	November 28, 2000
First Named Inventor	Dale B. Schenk
Art Unit	1647
Examiner Name	Sharon L. Turner <i>10/19/03</i>
Attorney Docket Number	15270J-004761US

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Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign
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Sheet 4 of 19

Complete If Known

Application Number	09/724,552
Filing Date	November 28, 2000
First Named Inventor	Dale B. Schenk
Art Unit	1847
Examiner Name	Sharon L. Turner <i>MICHTORS</i>
Attorney Docket Number	15270J-004761US

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Sheet

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of 19

Complete If Known

Application Number	09/724,552
Filing Date	November 28, 2000
First Named Inventor	Dale B. Schenk
Art Unit	1647
Examiner Name	Sharon L. Turner- <i>NICHOLS</i>
Attorney Docket Number	15270J-004761US

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS

Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
<i>ASW</i>	94	ANDERSEN et al., "Do nonsteroidal anti-inflammatory drugs decrease the risk for Alzheimer's disease?" <i>Neurology</i> , 48:1441-1445 (1995).	<input type="checkbox"/>
	95	Associated Press, "Immune cells may promote Alzheimer's, a study finds," <i>The Boston Globe</i> (4/13/95).	<input type="checkbox"/>
	176	BARD et al., "Peripherally administered antibodies against amyloid β -peptide enter the central nervous system and reduce pathology in a mouse model of Alzheimer disease," <i>Nature Medicine</i> , 6(8):916-919 (2000).	<input type="checkbox"/>
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Examiner
Signature*G. Miller*Date
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5/9/03

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Sheet 6 of 19

Complete if Known

Application Number	09/724,582
Filing Date	November 28, 2000
First Named Inventor	Dale B. Schenk
Art Unit	1647
Examiner Name	Sharon L. Turner NICHOLS
Attorney Docket Number	15270J-004761US

101	BRICE et al., "Absence of the amyloid precursor protein gene mutation (APP717 : Val>Ile) in 85 cases of early onset Alzheimer's disease," <i>J. Neurology, Neurosurg, Psychiatry</i> , 56:112-115 (1993).
327	CAMERON, "Recent Advances in Transgenic Technology," <i>Molecular Biotechnology</i> , 7:253-265 (1997).
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291	COLOMA et al., "Transport Across the Primate Blood-Brain Barrier of a Genetically Engineered Chimeric Monoclonal Antibody to the Human Insulin Receptor," <i>Pharm. Res.</i> , 17:268-274 (2000).
286	CORDELL, B., " β -Amyloid formation as a potential therapeutic target for Alzheimer's disease," <i>Ann. Rev. Pharmacol. Toxicol.</i> , 34:69-89 (1994).
287	COSTA et al., "Immunoassay for transthyretin variants associated with amyloid neuropathy," <i>Scand. J. Immunol.</i> , 38:177-182 (1993).
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Sheet 7 of 19

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First Named Inventor	Dale B. Schenk
Art Unit	1647
Examiner Name	Sharon L. Turner <i>NICHOLS</i>
Attorney Docket Number	15270J-004761US

<i>CSN</i>	214	DEMATTOS et al., "Peripheral Anti A β Antibody Alters CNS And Plasma A β Clearance and Decreases Brain A β Burden In a Mouse Model of Alzheimer's Disease," <i>Proc. Natl. Acad. Sci. USA.</i> 101:1073/pnas.151261398 (2001).
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<i>CSN</i>	107	FISHER et al., "Expression of the amyloid precursor protein gene in mouse oocytes and embryos," <i>PNAS</i> , 88:1779-1782 (1991).

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Application Number	09/724,552
Filing Date	November 28, 2000
First Named Inventor	Dale B. Schenk
Art Unit	1847
Examiner Name	Sharon L. Turner <i>NICHOLS</i>
Attorney Docket Number	15270J-004761US

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Application Number	09/724,552
Filing Date	November 28, 2000
First Named Inventor	Dale B. Schenk
Art Unit	1647
Examiner Name	Sharon L. Turner NICHOLS
Attorney Docket Number	15270J-004761US

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Application Number	09/724,552
Filing Date	November 26, 2000
First Named Inventor	Dale B. Schenk
Art Unit	1647
Examiner Name	Sharon L. Turner <i>NICHOLS</i>
Attorney Docket Number	15270J-004761US

<i>Q&D</i>	118	HAGA et al., "Synthetic Alzheimer amyloid β /A4 peptides enhance production of complement C3 component by cultured microglial cells," <i>Brain Research</i> , 601:88-94 (1993).
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Application Number	09/724,552
Filing Date	November 28, 2000
First Named Inventor	Dale B. Schenk
Art Unit	1647
Examiner Name	Sharon L. Turner <i>NOICHTS</i>
Attorney Docket Number	15270J-004761US

<i>CS</i>	256	IKEDA, et al., "Immunogold labeling of cerebrovascular and neuritic plaque amyloid fibrils in Alzheimer's disease with an anti- β protein monoclonal antibody," <i>Lab. Invest.</i> , 57:448-449 (1987).
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Application Number	09/724,552
Filing Date	November 28, 2000
First Named Inventor	Dale B. Schenk
Art Unit	1647
Examiner Name	Sharon L. Turner NICHOLS
Attorney Docket Number	15270J-004761US

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First Named Inventor	Dale B. Schenk
Art Unit	1647
Examiner Name	Sharen L. Turner <i>NICHOLS</i>
Attorney Docket Number	15270J-004761US

<i>CDN</i>	135	MCGEE et al., "The encapsulation of a model protein in poly (D, L-lactide-co-glycolide) microparticles of various sizes: an evaluation of process reproducibility," <i>J. Micro. Encap.</i> , 14(2): 197-210 (1997).
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Examiner Signature	<i>G. Miller</i>	Date Considered	5/9/03
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Sheet 14 of 19

Complete if Known

Application Number	09/724,652
Filing Date	November 26, 2000
First Named Inventor	Dale B. Schenk
Art Unit	1647
Examiner Name	Sharon L. Turner <i>NICHOLS</i>
Attorney Docket Number	15270J-004761US

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Sheet 15 of 19

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Application Number	09/724,552
Filing Date	November 28, 2000
First Named Inventor	Dale B. Schenk
Art Unit	1847
Examiner Name	Sharon L. Turner <i>NICHOLS</i>
Attorney Docket Number	15270J-004761US

<i>CG</i>	146	ROGERS et al., "Complement activation by β -amyloid in Alzheimer Disease," <i>PNAS</i> , 89:1-5 (1992).
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Sheet 18 of 19

Complete If Known

Application Number	09/724,552
Filing Date	November 28, 2000
First Named Inventor	Dale B. Schenk
Art Unit	1647
Examiner Name	Sharon L. Turner <i>NICHOLS</i>
Attorney Docket Number	15270J-004761US

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Examiner Signature	<i>Sharon L. Turner</i>	Date Considered	5/9/03
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Sheet 17 of 19

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Application Number	09/724,552
Filing Date	November 28, 2000
First Named Inventor	Dale B. Schenk
Art Unit	1647
Examiner Name	Sharon L. Turner <i>NIC HOLB</i>
Attorney Docket Number	15270J-004761US

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INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

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Sheet 18 of 19

Complete If Known

Application Number	09/724,552
Filing Date	November 28, 2000
First Named Inventor	Dale B. Schenk
Art Unit	1647
Examiner Name	Sharon L. Turner <i>NO CHOICE</i>
Attorney Docket Number	15270J-004761US

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STATEMENT BY APPLICANT**

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Sheet 19 of 19

Complete If Known

Application Number	09/724,552
Filing Date	November 28, 2000
First Named Inventor	Dale B. Schenk
Art Unit	1647
Examiner Name	Sharen L. Turner <i>W/C/H/S</i>
Attorney Docket Number	15270J-004761US

<i>CR</i>	292	YAMAGUCHI et al., Diffuse plaques associated with astroglial amyloid β protein, possibly showing a disappearing stage of senile plaques." <i>Acta Neuropathol.</i> , 95:217-222 (1998).	
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Substitute for form 1449B/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT		Application Number	09/724,552
(use as many sheets as necessary)		Filing Date	November 26, 2000
Sheet 3 of 3		First Named Inventor	Dale B. Schenk
		Art Unit	1647
		Examiner Name	Sharon L. Turner <i>Nichols</i>
		- Attorney Docket Number	
		15270J-004761US	

<i>CSN</i>	338	STEIN and JOHNSON, "Lack of Neurodegeneration in Transgenic Mice Overexpressing Mutant Amyloid Precursor Protein is Associated with Increased Levels of Transthyretin and Activation of Cell Survival Pathways," <u>The Journal of Neuroscience</u> , 22(17):7380-7388 (September 1, 2002).
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Examiner Signature	<i>G. Nichols</i>	Date Considered	<i>5/19/2003</i>
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(use as many sheets as necessary)		Filing Date	November 28, 2000
Sheet 1 of 3		First Named Inventor	Dale B. Schenk
		Art Unit	1647
		Examiner Name	Sharon L. Turner NICHOLS
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CSJ	331	WO	99/06545	A2	11-02-1999	T ⁶

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Sheet

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3

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Application Number	09/724,552
Filing Date	November 28, 2000
First Named Inventor	Dale B. Schenk
Art Unit	1647
Examiner Name	Sharon L. Turner <i>NOT Cited</i>
Attorney Docket Number	15270J-004761US

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<i>CSJ</i>	332	CHEN, et al., "Neurodegenerative Alzheimer-like pathology in PDAPP 717V→F transgenic mice," <u>Progress in Brain Research</u> , Van Leeuwen et al. Eds, 117:327-337. (1998).
	333	CONWAY et al., "Acceleration of oligomerization, not fibrillization, is a shared property of both α -synuclein mutations linked to early-onset Parkinson's disease: Implications for pathogenesis and therapy," <u>PNAS</u> , 97(2):571-576 (2000)
	334	JOBLING and HOLMES, "Analysis of structure and function of the B subunit of cholera toxin by the use of site-directed mutagenesis," <u>Molecular Microbiology</u> , 5(7):1755-1767 (1991).
	335	MASLIAH et al., " β -Amyloid peptides enhance α -synuclein accumulation and neuronal deficits in a transgenic mouse model linking Alzheimer's disease and Parkinson's disease," <u>PNAS</u> , 98(21):12245-12250 (2001).
	336	PERUTZ et al., "Amyloid fibers are water-filled nanotubes," <u>PNAS</u> , 99(8):5591-5595 (2002).
<i>CSJ</i>	337	SKOLNICK and FETROW, "From genes to protein structure and function: novel applications of computational approaches in the genomic era," <u>Trends in Biotech.</u> , 18(1):34-39 (2000).

Examiner Signature	<i>G. Miller</i>	Date Considered	5/19/2003
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